

C l a i m s

1. A power tong for use during installation and dismantling of pipes when drilling in the ground, such as is known from e.g. petroleum production, comprising a drive ring (30) and at least one clamping device (40), where the
5 clamping device (40) is arranged to grip a pipe string (20), the power tong (2) being equipped with a driving mechanism (32, 34) for rotation of the clamping device (40) about the longitudinal axis of the pipe string
10 (20), c h a r a c t e r i z e d i n that the clamping device (40) communicates with a fluid supply via a swivel ring (60) that encircles the drive ring (30).
2. A power tong (2) in accordance with Claim 1,
15 c h a r a c t e r i z e d i n that the drive ring (30) is undivided.
3. A power tong (2) in accordance with Claim 1,
c h a r a c t e r i z e d i n that the clamping
20 device (40) is constituted by a clamp, the clamp (40) being provided with at least one piston (46) in a cylinder (44), the piston (46) communicating with the fluid supply via the swivel ring (60) that encircles the drive ring (30).
4. A power tong (2) in accordance with Claim 3,
25 c h a r a c t e r i z e d i n that the cylinder (44) and the piston (46) are double acting, the plus side of the piston (46) communicating with a first passage (63) in the swivel ring (60) and the minus side of the piston (46) communicating with a second passage
30 in the swivel ring (60).

5. A power tong (2) in accordance with Claim 1,
c h a r a c t e r i z e d i n that a plurality of
clamping devices (40) are gathered in a group (38) of
clamps that can be removed from the drive ring (30).
- 5 6. A power tong (2) in accordance with Claim 3,
c h a r a c t e r i z e d i n that the gripping
portion of the clamp (40) includes a removable gripper
(56).
7. A power tong (2) in accordance with Claim 1,
10 c h a r a c t e r i z e d i n that the power tong
(2) forms a joint assembly (1) with a back-up tong (4).
8. A power tong (2) in accordance with Claim 7,
c h a r a c t e r i z e d i n that the power tong
(2) together with the back-up tong (4) can be displaced
15 vertically along at least two guide columns (10).
9. A power tong (2) in accordance with Claim 8,
c h a r a c t e r i z e d i n that the guide
columns (10) are disposed on diametrically opposite
sides of the pipe string (20).
- 20 10. A power tong (2) in accordance with Claim 7,
c h a r a c t e r i z e d i n that the space
between the power tong (2) and the back-up tong (4) is
shielded by a collecting bellows (90).